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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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In re application of : Attorney Docket  
Applicant: SLUTTER et al. : No.: SLUTTER-RE  
Application No.: 09/998,002 :  
Reissue of Patent No. 5,995,221 : GAU: Unknown  
Filed: November 30, 2001 : Examiner: Unknown  
For: "MODIFIED CONCENTRIC  
SPECTROGRAPH" :  
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May 22, 2002

BOX REISSUE  
Assistant Commissioner for Patents  
Washington D. C. 20231

## SECOND PRELIMINARY AMENDMENT

S I R:

Prior to examination, please make the following amendments:

### IN THE CLAIMS:

Please CANCEL claims 2-6, 9 and 13-14.

Please AMEND claims 1, 7, 11-12 and 66 to read as follows:

1. (twice amended) A concentric spectrograph comprising:

a diffraction grating having an optical axis, a meridian plane, and a grooved  
concave surface and a set of parallel grating grooves on said concave surface,  
said meridian plane containing the grating optical axis and extending

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